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#### SECTION B - SUPPLIES/SERVICES AND PRICES/COSTS

ITEM NUMBER	SUPPLIES OR SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST COST PLUS FIXED FEE
0001	RESEARCH			
	The Contractor shall furnish the services, together with all related personnel, facilities, supplies and materials needed to perform the tasks specified in Section C			
0001AA	BASIC PERIOD of the Technical q StafM T S ) * ACRN: XA			
0001AB	OPTION 1			
0001AC	OPTION 2 \$			
0001AD	OPTION 3	and the second		
0001AE	OPTION 4			
0002	REPORTS AND DATA IAW DD Forms 1423, Contract Data Requirements List (CDRL), Exhibit A	Not Separate	ely Priced	1

*MTS is defined as a Member of the Technical Staff. The Air Force has adopted the term MTS to refer to one man-year of technical effort. The work year consists of 52 weeks at 40 hours in each week. A portion of this total of 2080 hours is allocated to holidays, normal leave, sick leave, administrative tasks, etc. This amount might typically be 5-10% of the total hours available annually. The balance of the annual hours are available for direct application to a contracted effort.

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# SECTION C - DESCRIPTION/SPECIFICATION/WORK STATEMENT

# C.1 STATEMENT OF WORK

The work and/or services to be performed hereunder shall be subject to the requirements and standards identified within the Statement of Work (Attachment 1), which is hereby incorporated into Section C by reference.

# C.2 GEOGRAPHICAL REQUIREMENTS

Due to the criticality of schedule connected with this contract, the Contractor will provide management support and at least 80 percent of the professional staff called for in this SOW principally from a facility located within the Washington Metropolitan area. The Washington Metropolitan area is defined as 50 mile radius of the Pentagon.

#### SECTION D - PACKAGING AND WING

Pack all reports in accordance with standard commercial practices and mark for the addressee shown in Section G.2.

#### SECTION ONE - INSPECTION AND ACCEPTANCE

- E.1 The services and reports required hereunder shall be inspected and accepted by the Technical Representative of the Contracting Officer.
- E.2 This contract incorporates the following clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available. (FAR 52.252-2)

# FAR REFERENCE CLAUSE TITLE AND DATE

52.246-5 INSPECTION OF SERVICES - COST REIMBURSEMENT (APR 1984)

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# SECTION F - DELIVERY OR PERFORMANCE

## F.1 FAR REFERENCE

#### CLAUSE TITLE AND DATE

FAR 52.212-13 STOP WORK ORDER (AUG 1989) ALTERNATE I (APR 1984)

## F.2 PERIOD OF PERFORMANCE

0001 The supplies and services described in Section B shall be delivered or performed during the following periods:

CLIN	PERIOD OF PERFORMANCE
0001AA 0001AB - OPTION 1 0001AC - OPTION 2 0001AD - OPTION 3 0001AE - OPTION 4	Date of Award through 31 Jan 1992 1 Feb 1992 - 31 Jan 1993 1 Feb 1993 - 31 Jan 1994 1 Feb 1994 - 31 Jan 1995 1 Feb 1995 - 31 Jan 1996
0002 REPORTS AND DATA	Produced and delivered in accordance with the DD Form 1423, Exhibit A.

## SECTION G - CONTRACT ADMINISTRATION DATA

# G.1 PATENT COUNSEL

The Patent Counsel for this contract is:

# AFOSR/JA

Building 410

Boiling AFB DC 20332-6448

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#### G.2 SECURITY ADMINISTRATION

- (a) The highest level of security required under this contract is Top Secret, as designated on the attached DD Form 254 made a part hereof.
- (b) The Contractor shall indicate below the name, address and telephone number of its cognizant security officer(s):

Mr.	Ed	Simmons			
NS	ER				
121	5 J	efferson	Davis	Highway	
Arl	ingt	con, VA	22202		

The Contractor should also provide this information regarding all proposed subcontractors required to have a security clearance.

(c) The facilities to be used in the performance of this effort have been cleared to <a href="Top Secret SCI">Top Secret SCI</a>

## G.3 TECHNICAL REPRESENTATIVE OF THE CONTRACTING OFFICER (TRCO)

(a) The Contracting Officer hereby designates the following individual as the Technical Representative of the Contracting Officer (TRCO) for this contract:

Name: Mr. Joseph Casso Address: SAF/AQQX, Pentagon, DC

Telephone: 703-695-7994

- (b) The TRCO is responsible for monitoring the Contractor's progress and for overall technical managing of the Contractor's performance under this contract and is the Contractor's point-of-contact regarding questions or problems of a technical nature. The TRCO is also responsible for reviewing invoices submitted by the Contractor and for informing the Contracting Officer of areas in which exceptions to the invoices are to be taken. In no event, however, will any understanding, agreement, modification, change order, or other matter deviating from the terms of the contract between the Contractor and any person other than the Contracting officer be effective or binding upon the Government unless formalized by proper contractual documents executed by the Contracting Officer prior to completion of this contract.
- (c) With regard to matters pertaining to contractual terms, the Contractor shall contact the Contracting Officer. When, in the opinion of the Contractor, the TRCO requests efforts outside the existing scope of the contract, the Contractor shall promptly notify the Contracting Officer in writing. No action shall be taken by the Contractor unless and until the Contracting Officer has issued a contract modification.

#### G.4 TECHNICAL INSTRUCTIONS

- (a) Performance of the work hereunder is subject to the technical instructions of the TRCO or duly authorized representative. For the purposes of this clause, technical instructions include the following:
- (1) direction to the Contractor which redirects the contract effort, shifts work emphasis between work areas or tasks, requires pursuit of certain lines of inquiry, fills in details or otherwise serves to accomplish the objectives described in the statement of work; or
- (2) guidelines to the Contractor which assist in the interpretation of specifications or technical portions of work description.
- (b) Technical instructions must be within the general scope of work stated in the contract. Technical instructions may not be used to:
  - (1) assign additional work under the contract;
- (2) direct a change as defined in the contract clause entitled, CHANGES COST REIMBURSEMENT ALTERNATE I, FAR 52.243-2;
- (3) increase or decrease the estimated contract cost, the fixed fee, or the time required for contract performance; or
- (4) to change any of the terms, conditions or specifications of the contract.
- (c) When, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the contract or inconsistent with this special provision, the Contractor shall notify the Contracting Officer in writing within ten (10) working days after its receipt. The Contractor shall not proceed with the work affected by the technical instruction until the Contractor is notified by the Contracting Officer that the technical instruction is within the scope of the clause.
- (d) Nothing in the foregoing paragraphs may be construed to excuse the Contractor from performing that portion of work statement which is not affected by the disputed technical instruction.

#### G.5 DEFINITION OF STRAIGHT TIME AND OVERTIME

- (a) "Straight (regular) Time" is defined as the normal workday of eight hours a day, five days a week (Saturdays, Sundays and holidays excepted).
- (b) "Overtime" is usually defined as any work in excess of eight hours a day, in excess of forty hours a week, and work performed on Saturdays, Sundays or holidays. However, overtime as defined by State laws with jurisdiction over the place of performance shall apply to this contract. Overtime shall be used only upon prior approval of the Contracting Officer.

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#### G.6 NOTE TO PAYMENT OFFICE - ADDRESS OF PAYEE

The	e Co	ontr	racto	r is	requeste	d t	o identify	the	addr	ess	to	which	n payments	should
be	ma	iled	dif	that	address	is	different	from	the	addı	cess	in A	Award/Conti	ract,
Blc	ck	8,	AFSC	Form	701:									

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## G.7 <u>INVOICING INSTRUCTIONS</u>

- (a) Invoices shall be submitted by the Contractor not more than hi-weekly for services rendered and costs incurred thereunder. There shall be a lapse of not more than thirty (30) days between the time of performance and submiss: on of invoices.
- (b) The Contractor shall prepare an original and one copy of the invoice s). The Contractor shall forward the invoices to the cognizant Defense Contract Audit Agency identified below.
  - (c) Invoices shall contain the following information:
    - (1) Contract number;
    - (2) Costs incurred and fixed-fee billed
- (3) Premium time charges (if any) broken down by hours charged for each labor classification and labor rate(s) charged, and the name of the official who approved use of premium time;
- (4) Identification of other allowable costs incurred under the contract and charged.
- (d) DCAA will review and approve all invoices for provisional payment and will forward them to the appropriate payment office. Payment shall be made only upon the basis of DCAA-approved invoices.

Defense Contract Audit Agency Mid-Atlantic Region Capital Branch Office Arlington, VA 22202-4306

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#### G.8 ACCOUNTING AND APPROPRIATION DATA

The following accounting and appropriation data is applicable to this contract:

AA: 5713400 301 6045 100334 03 592 659900 160-241

AB: 9710400.1102 5K1-47B1 633381 00000 63741D 503700 F03700

AC: 571 3600 291 36B1 633083 00000 592 64312F 503700 F03700

AD: 570 3600 290 6045 632487 0000 659900 160-220

AE: 571 3600 291 36B1 642671 00000 592 27133F 503700 F03700

AF: 571 3600 291 36B1 643633 00000 592 27316F 503700 F03700

 ${\tt AG:}~571~3600~291~47\textbf{B1}~632622~00000~592~12423\texttt{F}~503700~\texttt{F}03700$ 

AH: 571 3600 291 47B1 632887 00000 592 **12432F** 503700 F03700

AJ: 571 3600 291 47B1 662861 00000 592 35171F 503700 F03700

AK: 571 3600 291 47B1 63627A 00000 592 63311F 503700 F03700

AL: 571 3600 291 47B1 642708 00000 592 64602F 503700 F03700

AM: 571 3600 291 47B1 624115 00000 592 63363F 503700 F03700



## XA SPECIAL ACRN UNCLASSIFIED

Descriptive Data: This ACRN established for multiple funding of CLIN 0001AA and 0002 and, therefore, will never be associated with any accounting and appropriation data. Pay from ACRNs in proportions as shown above. MULTIPLE FUNDED REQUIREMENTS - ADDITIONAL ACRNS WILL BE ASSIGNED AND PAYMENT INSTRUCTIONS REVISED WHEN NEW ACCOUNTING CLASSIFICATIONS ARE AVAILABLE.

# G,9 CONSIDERATION AND PAYMENT

- (a) The total Cost Plus Fixed Fee of this contract is including total estimated costs provide 150 MTS of effort identified as item 0001AA.
- (b) The fixed fee for work performed under this contract is \$0 provided that 150 MTS of effort are so employed on such work by the Contractor. If the variation allowable in accordance with paragraph (d) below is exceeded, the fixed fee shall be equitably reduced to reflect the reduction of work.
- (c) The amount presently allotted to this contract is including all costs plus fixed fee. It is anticipated that these funds will allow the Contractor to work through 31 Jan 92.
- (d) The Contractor may furnish up to the stated level of effort for any given period without a change in fee, provided he does so within the estimated cost for such period.

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#### G.10 SUBCONTRACT APPROVAL AND PROCEDURE

- (a) Those subcontracts which are subject to the requirements of the contract clause entitled, SUBCONTRACTS (COST-REIMBURSEMENT AND LETTER CONTRACTS) ALTERNATE I, FAR 52.244-2, shall be submitted to the Contracting Officer in triplicate for review and consent. The Contractor is required to promote maximum competition among subcontractors. Any unusual circumstances involved in the procurement shall be explained by the Contractor in any accompanying letter. Each request for subcontract consent shall be accompanied by a cost breakdown or summary of bids or proposals.
- (b) Technical representatives of the Government shall not direct the Contractor to use a specific subcontractor.

# G.11 <u>SUBCONTRACTORS/CONSULTANTS</u>

(a) The Government hereby consents to the following subcontractors/ consultants identified in the Contractor's proposal as necessary for performance of this contract.

# Subcontractor/Consultant Name Firm Fixed Price

- (b) Incorporation of the above list of subcontractors/consultants into the contract constitutes the written consent of the Contracting Officer required by paragraph (c) of the contract clause entitled, SUBCONTRACTS (COST-REIMBURSEMENT AND LETTER CONTRACTS) ALTERNATE I, FAR 52.244-2.
- (c) Any changes to the above list must be authorized by the Administrative Contracting Officer (ACO).

#### G.12 SUBCONTRACTING PLAN - INCORPORATED

In accordance with the contract clause entitled, SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING PLAN, FAR 52.219-9, the Contractor has submitted a subcontracting plan which has been reviewed and approved by the Contracting Officer. The plan is hereby incorporated into this award by reference. The Administrative Contracting Officer is hereby delegated the authority to monitor implementation of the Small Business and Small Disadvantaged Business Subcontracting Plan.

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#### SECTION H - SPECIAL CONTRACT REQUIREMENTS

## H.1 REDIRECTION OF EFFORT

Notwithstanding any of the provisions of this contract, the Contracting Officer shall be the only individual with authority to act on behalf of the Government to redirect the effort or in any way amend any of the terms of this contract.

#### H.2 GOVERNMENT/CONTRACTOR RELATIONSHIP

- a. Civil Service laws and regulations, the Classification Act and DOD personnel ceilings shall not be circumvented through the medium of "personal service" contracting, which is the procuring of services by contract in such a manner that the Contractor or his employees are in effect employees of the Government. Accordingly, the Government and the Contractor understand and agree that the services to be delivered under this contract will be nonpersonal services. A nonpersonal services contract is a contract under which the personnel rendering the services are not subject, either by the contract's terms or by the manner of its administration, to the supervision and control usually prevailing in relationships between the Government and its personnel.
- b. The provision for obtaining expert and consultant services pursuant to the FAR Subpart 37-2 is not authorized under this contract.
  - c. The Contractor's employees shall not:
- (1) Be placed in positions where they are appointed or employed by a Federal officer or are under the supervision, direction, or evaluation of a Federal officer, military or civilian.
  - (2) Be placed in a staff or policy making position.
- (3) Be placed in a position of command, supervision, administration, or control over Air Force military or civilian personnel or personnel of other Air Force Contractors or become a part of the Government organization.
- d. The services to be performed under this contract do not require the Contractor or its employees, to exercise personal judgement and discretion on behalf of the Government but rather the Contractor's employees will act and exercise personal judgement and discretion on behalf of the Contractor.

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#### H.3 OPTION TO EXTEND PERFORMANCE

The Government reserves the right to unilaterally modify this contract to extend the period of performance for the services specified under Section B as Items 0001AB, Items 0001AC, Items 0001AD, and Items 0001AE.

The options shall be exercised on or before the following dates:

```
OPTION 1 (Item 0001AB) - 15 Jan 1992
OPTION 2 (Item 0001AC) - 15 Jan 1993
OPTION 3 (Item 0001AD) - 15 Jan 1994
OPTION 4 (Item 0001AE) - 15 Jan 1995
```

The option costs identified under Section B shall be effective only in the event the options are exercised on or before the dates set forth, unless mutually agreed to extensions of said dates are reached. The contract modification shall be subject to the LIMITATION OF FUNDS Clause.

## H.4 PERSONNEL SUBSTITUTION

The Contractor agrees to provide the efforts of substantially those individuals who were named in the proposal which resulted in this contract. The Contractor is allowed to substitute Up to ten percent of the number of individuals named in that proposal; any substitution beyond that level will be approved in writing by the Contracting Officer. Such approval will be requested by a letter providing qualification information for the individual which substantiates the equivalency of the skills of the individual being substituted.

#### H.5 ORGANIZATIONAL CONFLICT OF INTEREST (JUN 1989) AFSC FAR SUP 52.209-9101

- (a) To prevent conflicting roles which may bias the Contractor's judgment or objectivity, or to preclude the Contractor from obtaining an unfair competitive advantage in concurrent or future acquisitions, the Contractor will be restricted as set forth in subparagraph (c).
  - (b) The following descriptions or definitions apply:
- (1) "Systems Engineering" means preparing specifications, identifying and resolving interface problems, developing test requirements, evaluating test data, and supervising design.
- (2) "Technical Direction" means developing work statements, determining parameters, directing other Contractors' operations, or resolving technical controversies.

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- (3) "Development" means all efforts towards solution of broadly defined problems. This may encompass research, evaluating technical feasibility, proof of design and test, or engineering of programs not yet approved for acquisition or operation.
- (4) "Proprietary Information" means all information designated as proprietary in accordance with law and regulation, and held in confidence or disclosed under restriction to prevent uncontrolled distribution. Examples include limited or restricted data, trade secrets, sensitive financial information, or computer software; and may appear in cost and pricing data or involve classified information.
  - (5) "System" means the system that is the subject of this contract.
- (6) "System Life" means all phase of the system's development, production or support.
- (7) "Contractor" means the business entity receiving award of this contract, its parents, affiliates, divisions or subsidiaries.
  - (c) The following rules apply:

The Contractor shall participate in technical and analytical support, but will not have overall contractual responsibility for the system's development, integration, assembly and checkout, or production. The parties recognize that the Contractor will occupy a highly influential and responsible position in determining the system's basic concepts and supervising their execution by other Contractors. The Contractor's judgment and recommendations must be objective, impartial and independent. To avoid the prospect of the Contractor's judgment or recommendations being influenced by its own products or capabilities, it is agreed that the Contractor is precluded for the life of this contract and two (2) years thereafter from:

- (1) Award of an Air Force contract to supply the system or any of its major components, and
- (2) Acting as subcontractor or consultant to a supplier to the Air Force for the system or any of its major components. ALTERNATE I (JUN 1989).

The Contractor will participate in the technical evaluation of other Contractor's proposals or products. To ensure objectivity, the Contractor is precluded from award of any supply or service contract or subcontract for the system or its major components. This restriction shall be effective for the life of this contract and two (2) years thereafter. This does not apply to other technical evaluation concerning the system. ALTERNATE III (JUN 1989)

The Contractor may gain access to proprietary information of other companies during contract performance, The Contractor agrees to enter into company-to-company agreements to (a) protect other company's information from unauthorized use or disclosure for as long as it is considered proprietary by the other company and (b) refrain from using the information for any purpose

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other than that for which it was furnished. For information purposes the Contractor shall furnish copies of these agreements to the Contracting Officer. These agreements are not intended to protect information furnished voluntarily without restriction which is available to the Government or to the Contractor from other sources without restriction. ATERNATE IV (JUN 1989)

The Contractor agrees to accept and to complete all issued task orders, and not to contract with Government prime Contractors or first-tier subcontractors in such a way as to create an organizational conflict of interest. ALTERNATE V (JUN 1989)

(d) The above restrictions shall be included in all subcontracts, teaming arrangements , and other agreements calling for performance of work related to this contract, unless excused in writing by the Contracting Officer.

ALTERNATE VI (JUN 1989)

#### H.6 TASKING LETTERS

- (a) Task oriented work shall be initiated by tasking letters jointly signed by the TRCO and the Contracting Officer directing the Contractor to accomplish work that is within the scope of the contract as written and implemented in accordance with this SOW. Tasking letters will include or have attached a detailed description of the work that is to be accomplished. letter will include the objectives of the effort, the expected output by the Contractor including the deliverables, a schedule of events and milestones where appropriate, the estimated level of effort to be expended in accomplishing the task, and the action officer assigned by the action office initiating the task. The letter will be coordinated with the Contractor by the action office prior to transmittal to the TRCO. Each tasking letter will be signed by the TRCO and the Contracting Officer prior to transmittal to the Contractor. No tasking letter will become effective until it has been signed by the TRCO and the Contracting Officer, at which time the work described becomes a formal part of the contracted effort. The Government shall be liable only for costs to the extent that tasking letters have been issued and cover the work required. The Contractor will not expend contract resources beyond the estimated level of effort called for in the applicable tasking letter; should additional amounts be required, the action office will request the tasking letter be amended by the TRCO and the Contracting Officer and a revised tasking letter may be issued.
- (b) Should the Contractor receive a tasking letter directing work he believes to be outside the scope of the contract statement of work, the Contractor will not comply with that task but will notify the Contracting Officer in accordance with the provisions of the clause entitled, CHANGES COST-REIMBURSEMENT ALTERNATE I.

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#### H.7 COST/SCHEDULE STATUS REPORT (APR 1987) AFSC FAR SUP 52.242-9001

- (a) The Contractor shall establish, maintain and use in the performance of this contract written management operating instructions that provide for planning and control of costs, measurement of performance (value for completed tasks), and generation of timely and reliable information for input to the Cost/Schedule Status Report (C/SSR).
- (b) The Contractor will be required to implement needed instructions to ensure that timely and reliable information exists, and will continue to exist, for the C/SSR reporting elements. The Contractor instructions in operation must, as a minimum, provide for:
- (1) Establishing the time-phased budgeted cost for work scheduled, the budgeted cost for work performed, the actual cost of work performed, the budget at completion, and estimate at completion;
- (2) Application of all direct and indirect costs and provisions for the use and control of management reserve and undistributed budget;
- (3) Handling changes to the contract budget base for both Government directed changes and internal replanning;
- (4) Establishing sufficient constraints to preclude subjective adjustment of data such that the use of the data for contract performance measurement or status assessment becomes questionable. In no case should the total allocated budget exceed the contract budget base without prior written approval of the Contracting Officer. For cost-plus-fixed-fee contracts, the contract budget base will exclude changes for cost growth;
- (5) Establishing variance analyses thresholds, instructions and capability to accurately identify and explain significant cost and schedule variances, both on a cumulative and projected at-completion basis;
- (6) Access to all pertinent records, instructions and data requested by the Government during the contract.
- (c) A written summary consisting of the management instructions used for generating C/SSR information will be identified by title and date, and subject to Contracting Officer approval. The instructions shall be used by the Contractor in performance of the C/SSR data item.
- (d) The Contractor shall show proper implementation of the instructions generating the cost schedule information being used to satisfy the C/SSR contractual data requirements to the Government manager, or designated representative(s), prior to the Contracting Officer's approval of the Contractor's management instructions.

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- (e) After Government acceptance of the Contractor's management instructions, any Contractor changes to the instructions shall be submitted to the Contracting Officer for review and approval prior to implementation. Within 60 days of receipt, the Contracting Officer shall advise the Contractor of the acceptability of such changes.
- (f) The Contractor agrees to provide access to all pertinent records, instructions, and data requested by the Contracting Officer, or authorized representative , to ensure continuing application of the approved instructions in satisfying the C/SSR data item.
- (g) The Contractor shall require a subcontractor to furnish C/SSRs in each case where a subcontract is other than firm fixed-price, and is 12 months or more in duration, and either:
- (1) Has a dollar amount which exceeds \$2 million, unless specifically waived by the Contracting Officer, or
- (2) Has a critical task relative to this contract. Critical tasks will be defined by mutual agreement between the Government and the prime Contractor.

Each subcontractor's reported cost and schedule information will be incorporated into the prime Contractor's C/SSR.

(h) If the Contractor uses a cost/schedule control system on this contract which was previously accepted by a DoD component as meeting the requirements of the DoD Cost/Schedule Control Systems Criteria (C/SCSC) on a contract of the same nature (e.g., development, production, etc.), this system may be used to satisfy all aspects of the management instructions for the cost/schedule control requirements of this contract. However, acknowledgement that the Contractor's management instructions adequately fulfill the contractual C/SSR requirements does not constitute acceptance on the part of the service component for other contracts, nor does it constitute compliance with C/SCSC.

#### H.8 GOVERNMENT FURNISHED PROPERTY

The following Government furnished property is provided for performance of this contract and shall be accountable under the contract clause entitled, GOVERNMENT PROPERTY (COST-REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOUR CONTACTS).

#### Micro Computers

- 2 Compaq Deskpro 4 w/10 MB Hard Disk
- 2 Compaq Plus Portable w/10 MB Hard Disk
- 6 IBM PC w/Dual Floppy Drives CPU (256K) w/Mono Graphics Adapter
- I IBM PC w/One Floppy Drive CPU (256K) w/10 MB HD, Graphics BD
- 3 IBM PC XT w/10MB Hard Disk

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- 1 IBM PC Tempest CPU w/TPC Enhanced System Dual
- 2 ASOAS Power S Computer System
- 1 Macintosh TS170
- 1 Compaq Deskpro CPU w/640K, 10 MB HD
- 1 IBM PC w/Dual Floppy Drives, CPU (512K) w/TSEN6 BD, 3 Corn BD
- 1 IBM PC w/Dual Floppy Drives, CPU (512K) w/TSEN6 Graphic BD
- 1 IBM AT Enhanced CPU w/20 MB HD, 640K Advantage BD
- 3 IBM PC CPU w/640K, Quad BD, Dual 1/2 HT
- 1 IBM PC CPU w/640K, 8087, Quad BD, Dual
- 1 Compaq Plus CPU w/512K, 10MB HD, Dual Prts
- 3 Zenith X-150 CPU w/10 MB Cart, DR 320K
- 1 Compaq 286 CPU w/20 MB HD, 2 Floppies 80287
- 1 ITC AT CPU w/2 10MB Cartr, DR, 640K
- 1 IBM PC (XT Chassis) CPU w/640K, 8087-3, Tecmac Graphics
- 1 IBM AT CPU w/2 1.2 MB Floppies, 512K
- 1 IBM PC CPU w/20 MB, DD 256K
- 1 ET 286 CPU w/80287 Math Coprocessor
- 1 IBM AT CPU w/20 MB, HD, 1.2 MB Flop, 640K
- 1 Toshiba T3100 Lab Portable
- 1 Compaq Deskpro 386 Model 130 CPU w/130 MB HD, Q60AT Tape Dr
- 1 AT MAX CPU w/Amax Sys BD, 1.2 Floppy Drive
- 4 Everex 1800A AT CPU w/80287-8 EGA BD, Memory SE
- 1 Everex 1800A AT CPU w/80287-8 Memory Mouse, Mon
- 1 Compaq 386/20 CPU w/80387, 3-4MB Memory Modules
- 2 Tandon PC/AT CPU w/640K RAM, EGA BD, Unix Cop
- 1 Sun T-511C Tempest 71MB Subsystem w/60MB 1/4" Tap
- 1 Sun 3/160CT-4 Tempest Deskside CPU w/4 MB Mem E"xp S/W License
- 1 Sun 511A-71 71B Desksystem **w/60MB** 1/4
- 1 Sun 360/FC-8 Desktop CPU w/8MB Memory, S/W, Mouse, License
- 1 Sun 4/280S-32 CPU w/960A Data Cabinet, S/W, DI
- 1 Compaq 386 CPU w/80387-20, VGA BD, PIICEON
- 2 Everex PC AT Clone CPU w/80287, IBM RAM EGA BD S/W
- 2 IOMEGA Dual 20MB 8" Bernovlli w/BOOTA .2
- 1 Compaq Deskpro 386 CPU w/110MB HD, 12MB Memory Exp 80
- 1 Dell System 220 CPU w/80287, Modem, Bernovlli II
- 1 Sun 386i/250M CPU w/91 MB Disk Drive, Software
- 1 Sun 386i/250M 60MB Tape Drive Installed in P
- 1 Laserstar 800MB Work Drive w/Software
- 1 Everex 1800 AT CPU w/5 1/4" Bernovlli, AT ALLE
- 1 Compaq 386s CPU w/1.2 Floppy Drive, 2MB RAM 803
- 2 Compag 386/20E CPU w/Ser-Par BD, 80387-20 VGA
- Zenith Laptop w/Modem, 20MB HD, Battery, Carry C
- 1 Everex Step 286/12 CPU w/5MB RAM, 40MB HD, 80287 BD
- 1 Mitek MAC 11X Tempest CPU w/2 80MB HD, 4 MB, RAM, Mouse
- 1 ITTC AT CPU w/640K, Vega BD, 30 MB HD
- 1 IBM AT 339 CPU w/l.1MB, 30MB HD, Graphic Adapter
- 1 ITC AT CPU w/10 MB Cart Dr, 640K

#### Terminals

8 Televideo 803 Terminals

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#### Printers

- 1 C. Itoh F-10 Print Master
- 1 Epson FX-80 w/Graphics
- 1 Epson MX-100
- 2 ITC 20T Tempest Model 5700F
- 1 BCE Laserjet 2686
- 13 Delta Data LQ45T Tempest Daisy Wheel
- 1 NEC 7730 Spinwriter
- 2 Okidata 2410 Dot Matrix
- 2 Prowriter I Dot Matrix
- 1 Prowriter II Dot Matrix w/Wide Carriage
- 3 Data Products SPG 8071 Dot Matrix
- 1 Hewlett Packard Laserjet
- 4 Hewlett Packard 33440A Laserjet Printer
- 1 Epson FX100+
- 1 Delta Data DD304
- 1 Data Products TB-600 Tempest
- 1 Data Products TCG-200 Tempest
- 1 Data Products SPG 8072
- 1 Epson FX-185
- 1 Epson FX-85
- 3 Epson FX-286
- 1 OT-700E
- 1 NEC P760 Pinwriter
- 1 OkiData Okimate 20 w/IBM PC Interface
- 1 Genicom 3404 Tempest
- 1 Okidata 294
- 1 NEC P-7 Model 970 Pinwriter
- 1 NEC P-7 Pinwriter
- 1 Diconix 150-P Inkjet Printer w/Carrying Case
- 1 OTC 700E
- 2 Epson EX-1000
- 6 Epson LQ-1050
- 1 Epson FX-86E
- 1 OMS-PS-810 Postcript
- 1 Sun Laserjet LWI-02
- 1 Tektronix 4693D Color Image
- 1 Hewlett Packard 7596A
- 1 Brother Portable
- 1 Mitek 130T QMS Tempest

#### Printer Accessories

- 6 Acoustical Printer Covers
- 9 Printer Tractor Feeds

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#### Modems

- 12 Hayes Smart 1200 Baud Modems
- 1 Codonet Codestar Fiber Optic Lan
- 1 Hayes Smart 2400 Baud
- 3 Codonet 3000 Fiber Optic
- 2 Microcom AX-2400
- 2 CDA Fastlink, External
- 1 Maxom 2400 External w/Rs232

## Miscellaneous

- 1 Mitsubishi CM-2501 TV Monitor w/25° Screen
- 1 O'Sullivan 924 Mobile TV/Monitor Cart
- 2 PC-400 Power Line Conditioners
- 3 Texas Instruments 707 Portable Data Terminal
- 4 Princeton Graphics Monitor, PGS HX-12E Monitor/Graphics BD
- 1 Hewlett Packard HP 7475A Plotter
- 1 Sony 1303 EGA Color Monitor w/Cable
- 7 NEC Multisync 11A Color Monitor
- 1 Hewlett Packard HP Pen Plotter
- 3 Bernovlli BX (2X10) w/Control BD
- Bernovlli BX (1X20) w/Adapter
- 5 Bernovlli BX (Dual 20MB Exter)
- 2 Bernovlli BX (Dual 10MB) w/AD
- 1 Excelan Exos 1130-0 Multi-Port Transceiver
- 1 ATE-000 Expansion Chassis for PC/AT
- 1 Optotech Laser Data Bank w/Disk Drive, Disk & 2 2.5 A.M.I.
- 1 Hewlett Packard 7550A 8-Pen Plotter (11X17)
- 1 Hewlett Packard 7550A 8-Pen Plotter w/Loading Tray
- 1 NEC Multisynch II VGA Monitor
- 1 NEC Multisynch 11 VGA Monitor Graphics Adapter
- 1 Kurta IS/One Scanner w/Interface Kit
- 1 NEC Multisynch Color Monitor
- 1 Summagraphics Plus 12" X 12" Digitizer BD
- 1 Cambridge SVB-73 Microscope w/Lens, Retiele, Micr
- 5 A.F. Safes

#### H.9 CONTINUITY OF SERVICES

(a) The Contractor recognizes that the services under this contract are vital to the Government and must be continued without interruption and that, upon contract expiration, a successor, either the Government or another Contractor, may continue them. The Contractor agrees to (1) furnish phase-in training and (2) exercise its best efforts and cooperation to effect an orderly and efficient transition to a successor.

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- (b) The Contractor shall, upon the Contracting Officer's written notice, (1) furnish phase-in, phase-out (PIPO) services for up to 90 days after this contract expires and (2) negotiate a good faith with the Government in determining the nature, extent, and cost of the PIPO services, including a mutually acceptable detailed plan for PIPO operations. The plan shall design a transition program and specify a date for shifting the responsibility to the successor for each division of work set forth in the plan, and shall be subject to the approval of the Contracting Officer. The Contractor shall provide sufficient experienced personnel during the PIPO period to ensure that the services called for by this contract are maintained at a high level of proficiency, limited however by the personnel resources available to the Contractor for this purpose.
- (c) The Contractor agrees to cooperate with the successor, whether it be the Government or another Contractor, in allowing as many personnel as practicable to remain on the job in order to enhance the continuity and consistency of the services called for by this contract.
- (d) The Contractor shall be reimbursed for all reasonable, allowable, and allocable phase-in, phase-out costs (i.e., costs incurred within the agreed period after contract expiration that result from phase-in, phase-out operations) and a fee not to exceed a pro rata portion of the fee under this contract.

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## PART II - CONTRACT CLAUSES

# SECTION I - CONTRACT CLAUSES

I.l This contract incorporates the following clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their  $\operatorname{full}$  text available (FAR 52.252-2).

DEFINITIONS (APR 1984)	FAR CLAUSES	TITLE AND DATE
52.203-3 COVENANT AGAINST CONTINGENT FEES (APR 1984) 52.203-6 RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1985) 52.203-7 ANTI-KICKBACK PROCEDURES (OCT 1988) 75.203-9 REQUIREMENT FOR CERTIFICATE OF PROCUREMENT INTEGRITY - MODIFICATION (NOV 1990) 75.203-13 PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (SEP 1990) 75.203-12 LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JAN 1990) 75.204-1 APPROVAL OF CONTRACT (DEC 1989) 75.204-2 SECURITY REQUIREMENTS (APR 1984) 75.204-2 PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (MAY 1989) 75.215-3 DEFENSE PRICHITY AND ALLOCATION REQUIREMENTS (MAY 1986) 75.215-2 PRICE REDUCTION FOR DEFFECTIVE COST OR PRICING DATA (JAN 1991) 75.215-2 PRICE REDUCTION FOR DEFFECTIVE COST OR PRICING DATA (JAN 1991) 75.215-25 SUBCONTRACTOR COST OR PRICING DATA - MODIFICATION (APR 1985) 75.215-30 FACILITIES CAPITAL COST OF MONEY (SEP 1987) 75.215-31 ORDER OF PRECEDENCE (JAN 1986) 75.216-8 FIXED FEE (APR 1984) 75.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 1989) (Insert 60 months in Paragraph a) (Insert 14 days in Paragraph c) 75.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (FEB 1990) 75.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (FEB 1990) 75.219-14 LIMITATIONS ON SUBCONTRACTING (JAN 1991) 75.219-15 LIMITATIONS ON SUBCONTRACTING (JAN 1991) 75.219-16 LIQUIDATED DAWAGES - SMALL BUSINESSESS SUBCONTRACTING PLAN		·
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52.204-2  SECURITY REQUIREMENTS (APR 1984)  52.209-6  PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (MAY 1989)  52.212-8  DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS (MAY 1986)  52.215-1  EXAMINATION OF RECORDS BY COMPTROLLER GENERAL (APR 1984)  52.215-2  AUDIT - NEGOTIATION (DEC 1989)  52.215-22  PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA (JAN 1991)  52.215-25  SUBCONTRACTOR COST OR PRICING DATA - MODIFICATION (APR 1985)  52.215-26  INTEGRITY OF UNIT PRICES (APR 1987)  52.215-30  FACILITIES CAPITAL COST OF MONEY (SEP 1987)  52.215-33  ORDER OF PRECEDENCE (JAN 1986)  52.216-7  ALLOWABLE COST AND PAYMENT (APR 1984)  52.217-8  OPTION TO EXTEND SERVICES (AUG 1989)  52.217-9  OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 1989)  (Insert 14 days in Paragraph a)  (Insert 14 days in Paragraph c)  52.219-8  UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (FEB 1990)  52.219-9  SMALL BUSINESS AND SMALL DISADVANTAGED SUBCONTRACTING PLAN (JAN 1991)  52.219-14  LIMITATIONS ON SUBCONTRACTING (JAN 1991)  52.219-16  LIQUIDATED DAMAGES - SMALL BUSINESSESS SUBCONTRACTING PLAN		
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	(Insert "zero" in the blank space indicated by an asterisk. )
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#### 1.2 AIR FORCE FAR SUPPLEMENT CLAUSES INCORPORATED IN FULL TEXT

#### NOTIFICATION OF GOVERNMENT SECURITY ACTIVITY (SEP 1985) AF FAR SUP 52.204-9000

Thirty days before the date Contractor operations will begin on base, the Contractor shall notify the security police activity shown in the distribution block of the DD Form 254, DOD Contract Security Classification Specification, as to--

- (a) The name, address, and telephone number of this contract company's representative and designated alternate in the U.S. or overseas area, as appropriate;
  - (b) The contract number and military contracting command;
- (c) The highest classification category of defense information to which the Contractor employees will have access;
- (d) The Air Force installations in the U.S. (in overseas areas identify only the APO number(s)) where the contract work will be performed;
- (e) The date Contractor operations will begin on base in the U S. or overseas area;
- (f) The estimated completion date of operations on base in the U.S. or overseas area; and
  - (g) Any changes to information previously provided under this clause.

This requirement is in addition to visit request procedures contained in DOD 5220.22M, Industrial Security Manual, paragraph 37d.

#### SAFETY AND ACCIDENT PREVENTION (APR 1984) AF FAR SUP 52.223-9004

- (a) In performing work under this contract on a Government installation, the Contractor shall --
- (1) Conform to the specific safety requirements established by this contract;
- (2) Comply with the safety rules of the Government installation that concern related activities not directly addressed in this contract;

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- (3) Take all reasonable steps and precautions to prevent accidents and preserve the life and health of Contractor and Government personnel performing or in any way coming in contact with the performance of this contract; and
- (4) Take such additional immediate precautions as the Contracting officer may reasonably require for safety and accident prevention purposes.
- (b) If this contract is performed on an Air Force installation, the Air Force Occupational Safety and Health Standards (AFOSH) developed in accordance with AFR 127-12, in effect on the date of this contract, apply. If contract performance is on other than an Air Force installation, the contractor shall comply with the safety rules of that Government installation, in effect on the date of this contract.
- (c) The contracting officer may, by written order, direct additional AFOSH and safety and accident standards as may be required in the performance of this contract and any adjustments resulting from such direction will be in accordance with the Changes clause of this contract.
- (d) Any violation of these safety rules and requirements, unless promptly corrected as directed by the contracting officer, shall be grounds for termination of this contract in accordance with the Default clause of this contract.

# SCIENTIFIC/TECHNICAL INFORMATION (STINFO) (SEP 1985) AF FAR SUP 52.235-9000

If not already registered, the Contractor shall register for Defense Technical Information Center (DTIC) service by contacting the following:

Defense Technical Information Center ATTN: Registration Section (DTIC-DDR-B) BLDG. 5, Cameron Station Alexandria, VA 22304-6145 (202) 274-6871

To avoid duplication of effort and conserve scientific and technical resources , the Contractor shall search existing sources in DTIC to determine the current state-of-the-art concepts, studies, etc.

## 1.3 AIR FORCE SYSTEMS COMMAND FAR SUPPLEMENT CLAUSES INCORPORATED IN FULL TEXT

# PAYMENT OF FEE (APR 1987) AFSC FAR SUP 52.216-9000

The applicable fixed fee set forth in the schedule of this contract shall be paid as it accrues, in regular installments based upon the percentage of completion of work.

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# EOUAL OPPORTUNITY PREAWARD CLEARANCE OF SUBCONTRACTS (JUN 1990) AFSC FAR SUP 52.222-9000

The prime Contractor shall request its preaward clearances through the Contracting Officer at least 30 calendar days before the proposed award date, unless the cognizant Department of Labor compliance office agrees to a shorter time.

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# PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

## SECTION J - LIST OF ATTACHMENTS

Attachment 1 - Statement of Work (8 Pages)

Attachment 2 - DD Form 254 dated 27  $Sep\ 90\ (5\ pages)$  Exhibit A - DD Form 1423 (1 Page)

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